

Message

From: Burdett, Cheryl [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E8F84378969242DBA5EB260C1CC89FB8-CBURDETT]
Sent: 10/17/2018 9:28:03 PM
To: Bahr, Ryan [bahr.ryan@epa.gov]
Subject: FW: 2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation

Hi Ryan:

Attached is a link to review the website page that includes your changes to the website. I changed the name of the 2017 Report in your highlighted description below to match the name of the report. Please let me know if you are OK with it.

Sincerely,

Cheryl Burdett

From: Ostermeier, Jennifer
Sent: Wednesday, October 17, 2018 4:06 PM
To: Burdett, Cheryl <burdett.cheryl@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: 2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation

Here is a link to the draft page:

To view the page you can open it by logging in to <https://wcms.epa.gov/user> with your LAN ID and password and then opening the link below

<https://wcms.epa.gov/node/207871/revisions/731013/view>

I have left the names of the links in the paragraph above the same as the link in the documents section below, we should be consistent.

I think the language at the top is a little confusing in the updates portion of the page. I am not a fan of asking people to look and read in documents below, it is a web page, they should be able to click right there to open the document.

From: Burdett, Cheryl
Sent: Wednesday, October 17, 2018 3:33 PM
To: Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>
Subject: RE: 2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation

Good question. Let me ask Ryan.

Cheryl Burdett

From: Ostermeier, Jennifer
Sent: Wednesday, October 17, 2018 3:32 PM
To: Burdett, Cheryl <burdett.cheryl@epa.gov>
Subject: RE: 2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation

I am confused about the links, why is there a link in the highlighted section called **2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation**? And then in the documents section there isn't a document with this name?

From: Burdett, Cheryl

Sent: Wednesday, October 17, 2018 3:28 PM

To: Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>

Subject: RE: 2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation

Hi Jenn,

Below is the yellow highlighted sections that we have added and changed to the language in the website. The Bolded section within the paragraphs would be the titles and links to the reports.

Hope this helps.

Sincerely,

Cheryl Burdett

Juneau County Groundwater Screening Investigation

October 2018 Update

As part of the April 30 through May 3, 2018 inspection, EPA took samples that were analyzed for different isotopes of nitrogen and oxygen. These results were included in the August 30, 2018 inspection report attached below. The University of Nebraska Water Science Laboratory recently completed a report titled "***Nitrate-N Isotope Results and Interpretation***" which is also in the documents section below.

In October of 2017, EPA did an initial sampling of groundwater and surface water in and west of Petenwell Lake in northeast Juneau County. The inspection report titled "**2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation**" and data from that sampling inspection is attached below.

August 2018 Update

EPA has finalized its [Sampling Inspection Report](#) related to the results of May 2018 groundwater testing conducted in Juneau County. EPA's tests – and others conducted by the county health department – found elevated levels of nitrates. The Sampling Inspection Report summarizes EPA's groundwater screening investigation with descriptions of sampling preparation and methods and discussions of sampling results including maps. Region 5 continues to work with Wisconsin Department of Natural Resources to determine appropriate next steps.

Background

From April 30 through May 3, 2018, EPA sampled groundwater west of Petenwell Lake in northeast Juneau County after receiving complaints and information from citizens in the area regarding private drinking-water well contamination.

EPA collected groundwater samples at 41 temporary boring locations and 5 private drinking water wells. The samples were analyzed for:

- nutrients
- anions
- total metals
- nitrate isotopes

Note that not all samples were analyzed for all parameters.

EPA used temporary or “point-in-time” groundwater sampling techniques with the goal of characterizing the nature and extent of pollutants in groundwater. This information can be used to identify potential sources of groundwater pollutants and potential impacts to drinking water sources.

The borings were located in a grid network designed to characterize groundwater conditions upgradient and downgradient of potential sources of well contamination. Samples were collected at two depths to better characterize the extent of potential nitrate contamination in the aquifer.

EPA continues to evaluate data collected during the April 30 to May 3, 2018, sampling event. EPA will coordinate further with Wisconsin DNR to determine the appropriate next steps to protect public health.

Documents

[EPA Laboratory and Field Screening Data for Juneau County Groundwater \(ZIP\)](#) (21 pp, 6 MB, June 28, 2018)

[EPA Sampling Inspection Report, October 23 – 25, 2017](#) (<- link this to the new report)

[EPA Sampling Inspection Report, April 30- May 3, 2018](#)

[University of Nebraska Water Science Laboratory report titled “Nitrate-N Isotope Results and Interpretation”](#) (<- link this to the new report)

[Contact Us](#) to ask a question, provide feedback, or report a problem.

From: Ostermeier, Jennifer
Sent: Wednesday, October 17, 2018 3:06 PM
To: Burdett, Cheryl <burdett.cheryl@epa.gov>
Subject: RE: 2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation

<https://www.epa.gov/wi/juneau-county-groundwater-screening-investigation>

From: Burdett, Cheryl
Sent: Wednesday, October 17, 2018 2:55 PM
To: Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>
Cc: Pina, Yvette <pina.yvette@epa.gov>
Subject: FW: 2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation

Hi Jennifer and Yvette:

The link you provided is confusing because it does not match up with the Website Page that we had. Ryan Bahr, my Section Chief has highlighted his comments to the current website page that is on the internet, not to the link that was sent.

I am available to discuss if you have questions.

Also, please wait to post the reports. I am waiting for Linda to confirm that Jim Zellmer has received the report before it is posted it to the website.

Sincerely,

Cheryl Burdett

From: Bahr, Ryan

Sent: Wednesday, October 17, 2018 2:35 PM

To: Burdett, Cheryl <burdett.cheryl@epa.gov>

Subject: RE: 2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation

It's not clear how this relates to the current page. Is this just a part of it? We want to make sure to retain the other information that is on it.

I assume that we will use that page. I copied and pasted that text below. I put my comments below into the original page with highlighted text. How do these look?

EPA in Wisconsin

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Juneau County Groundwater Screening Investigation

October 2018 Update

As part of the April 30 through May 3, 2018 inspection, EPA took samples that were analyzed for different isotopes of nitrogen and oxygen. These results were included in the August 30, 2018 inspection report attached below. The University of Nebraska Water Science Laboratory recently completed a report titled "*Nitrate-N Isotope Results and Interpretation*" which is also in the documents section below.

In October of 2017, EPA did an initial sampling of groundwater and surface water in and west of Petenwell Lake in northeast Juneau County. The inspection report and data from that sampling inspection is attached below.

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elevated levels of nitrates. The Sampling Inspection Report summarizes EPA's groundwater screening investigation with descriptions of sampling preparation and methods and discussions of sampling results including maps. Region 5 continues to work with Wisconsin Department of Natural Resources to determine appropriate next steps.

Background

From April 30 through May 3, 2018, EPA sampled groundwater west of Petenwell Lake in northeast Juneau County after receiving complaints and information from citizens in the area regarding private drinking-water well contamination.

EPA collected groundwater samples at 41 temporary boring locations and 5 private drinking water wells. The samples were analyzed for:

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- anions
- total metals
- nitrate isotopes

Note that not all samples were analyzed for all parameters.

EPA used temporary or "point-in-time" groundwater sampling techniques with the goal of characterizing the nature and extent of pollutants in groundwater. This information can be used to identify potential sources of groundwater pollutants and potential impacts to drinking water sources.

The borings were located in a grid network designed to characterize groundwater conditions upgradient and downgradient of potential sources of well contamination. Samples were collected at two depths to better characterize the extent of potential nitrate contamination in the aquifer.

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Documents

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[EPA Sampling Inspection Report, April 30- May 3, 2018](#)

[University of Nebraska Water Science Laboratory report titled "Nitrate-N Isotope Results and Interpretation"](#) (<- link this to the new report)

[Contact Us](#) to ask a question, provide feedback, or report a problem.

From: Burdett, Cheryl

Sent: Wednesday, October 17, 2018 10:28 AM

To: Bahr, Ryan <bahr.ryan@epa.gov>

Subject: RE: 2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation

Hi Ryan:

Below is link from Jennifer Ostermeier asking for feedback on the document and asking if we would like changes?

Under the title of the website I think we would need to update the information to read:

In October of 2017. EPA sampled groundwater and surface water in and west of Petenwell Lake in northeast Juneau County after receiving complaints and information from citizens in the area regarding private drinking-water well contamination. EPA conducted a larger investigation using a GeoProbe to sample groundwater on April 30 through May 3, 2018.

Also, the title to the link of the report would need to be changed to read " Northeast Juneau county Private Well and Surface Water Sampling Groundwater Investigation".

Sincerely,

Cheryl Burdett

From: Ostermeier, Jennifer
Sent: Wednesday, October 17, 2018 10:07 AM
To: Burdett, Cheryl <burdett.cheryl@epa.gov>
Cc: Pina, Yvette <pina.yvette@epa.gov>
Subject: RE: 2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation

Cheryl,

Is this how you need your document page to look, or do you need this on a separate document page?

Log on to <https://wcms.epa.gov/user> using your LAN id and password and then open:

<https://wcms.epa.gov/node/210047/revisions/730657/view>

Yvette, can you post this once we hear back from Cheryl, I am going to be taking Aida to the doctor and won't be back until much later today! Thanks.

From: Burdett, Cheryl
Sent: Wednesday, October 17, 2018 8:04 AM
To: Reshkin, Karen <Reshkin.Karen@epa.gov>; Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>
Cc: Holst, Linda <holst.linda@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>; Mikalian, Charles <mikalian.charles@epa.gov>
Subject: FW: 2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation

Hello Jennifer and Karen:

Linda Holst has reviewed the report and it is ready to be uploaded to the website. The photo log appears to have a lot of black squares this is because WECA redacted many of the photos because they contained PII. Please let me know if you have any other questions.

Sincerely,

Cheryl Burdett

R5 EPA/WECA
CAFO Program Manager
Work: 312-886-1463
Burdett.cheryl@epa.gov

From: Burdett, Cheryl
Sent: Friday, October 12, 2018 12:33 PM
To: Holst, Linda <holst.linda@epa.gov>
Cc: Mikalian, Charles <mikalian.charles@epa.gov>; Heger, Michelle <heger.michelle@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: 2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation

Hello Linda:

I have completed the third inspection report for northeast Juneau County, Wisconsin titled "2017 Northeast Juneau County Groundwater and Surface Water Sampling Investigation", I have redacted the PII information within the report. Charles Mikalian, ORC and Michelle Heger, Acting Branch Chief for Pat Kuefler have both reviewed the report and confirmed that all PII has been redacted.

I am attaching the report for your review and approval to post the report to Region 5 EPA's Northeast Juneau County, Wisconsin website along with the 2018 Northeast Juneau County Sampling Report.

Sincerely,

Cheryl Burdett

R5 EPA/WECA
CAFO Program Manager
work: 312-886-1463
Burdett.cheryl@epa.gov